

Title (en)
MESOIONIC PESTICIDES

Title (de)
MESOIONISCHE PESTIZIDE

Title (fr)
PESTICIDES MÉSO-IONIQUES

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Application
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Abstract (en)
[origin: WO2011017347A2] Disclosed are compounds of Formula (1), N-oxides, and salts thereof, wherein X is O or S; Y is O or S; Z is a direct bond, O, S(O)_n, NR₆, C(R₇)₂O, OC(R₇)₂, C(=X₁), C(=X₁)E, EC(=X₁), C(=NOR₈) or C(=NN(R₆)₂); a is 0, 1, 2 or 3; and R₁, R₂, R₃, R₄, R_{5a}, R_{5b}, R₆, R₇, R₈, X₁ and E are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula (1) and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a compound or a composition of the invention.

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